

Recombinant Mouse Ckm Protein, MYC/DDK-tagged

Cat. No. Ckm-896M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse creatine kinase, muscle (Ckm), with C-terminal MYC/DDK tag, was expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Reversibly catalyzes the transfer of phosphate between ATP and various phosphogens (e.g. creatine phosphate). Creatine kinase isoenzymes play a central role in energy transduction in tissues with large, fluctuating energy demands, such as skeletal muscle, heart, brain and spermatozoa.
Molecular Mass	43.5 kDa
Purity	>80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 g/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Ckm creatine kinase, muscle [<i>Mus musculus</i> (house mouse)]
Official Symbol	Ckm
Synonyms	Ckm; creatine kinase, muscle; MCK; Ckmm; M-CK; CPK-M; creatine kinase M-type; creatine kinase M chain; creatine phosphokinase M-type; EC 2.7.3.2
Gene ID	12715
mRNA Refseq	NM_007710
Protein Refseq	NP_031736
UniProt ID	P07310

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